



## Transportation

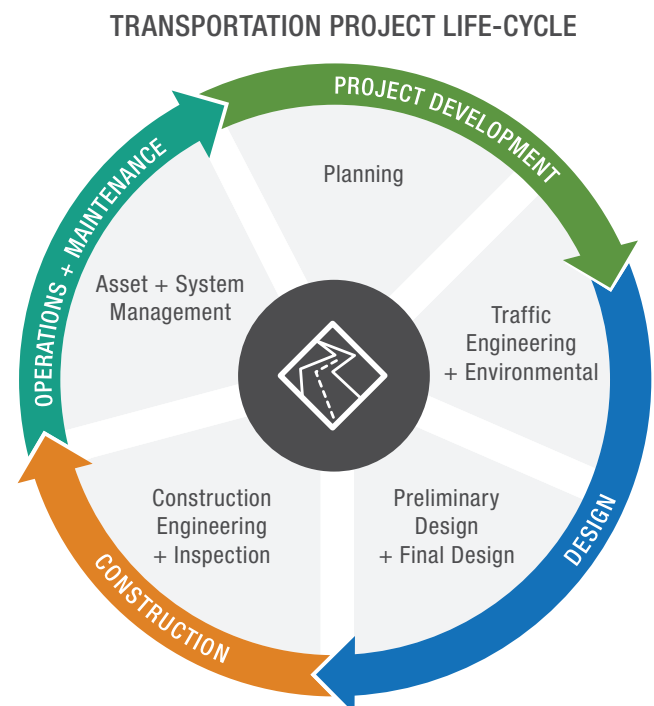
Understanding a project’s goals and objectives from the project life-cycle perspective yields the best value and outcomes for our clients and communities.

Our transportation business puts the end users first – developing designs, building consensus, and constructing the infrastructure that meets the needs of our clients while considering the future. Funding, environmental compliance, community social objectives, and public involvement can be daunting even before tackling the technical complexities of a project in developed and constrained corridors as well as fast-growing or changing rural areas. Your needs are great, and a creative partner can meet them with the resources to tackle every aspect of your challenge.

Our transportation team works collaboratively to build a life-cycle understanding of a project that allows creativity and innovation to flourish. Our comprehensive set of technical disciplines enable us to adapt to changes in our industry and leverage innovation to solve your challenges.

Professionals specializing in construction and asset management interact with our designers to provide constructability and sustainability reviews during a project’s design, allowing the development of projects to be built and maintained with minimal surprises.

We link project needs to community values, environmental requirements, and infrastructure standards in a way that right-sizes the project to our client’s objective as well as those of local users and businesses.





We integrate our planning and preliminary design efforts closely with final design to keep projects on schedule by proactively addressing critical right-of-way, utility relocation and permitting needs.

## TRANSPORTATION SERVICES

### ▶ **Asset Management**

We begin with the end in mind. From Pavement Management programs to leveraging GIS solutions for inventory and condition assessment, we help our clients plan and make good decisions.

### ▶ **Planning**

Our transportation planners focus on comprehensive plans, concept studies, corridor studies, planning, environmental studies, and a perceptive view of how to leverage the right-of-way to achieve multiple objectives.

### ▶ **Environmental + NEPA + Funding**

Our funding strategies, agency coordination, brownfields, wetlands, noise, and other environmental specialists integrate economic development and community improvement objectives.

### ▶ **Public Involvement + CSS**

The success of transportation improvement projects heightens with community support. Utilizing a context-sensitive solutions (CSS) approach allows us to recognize and identify stakeholder interests, provide an open forum for communication - building enthusiasm, ownership, and support for the project.

### ▶ **Traffic Operations + Safety + ITS**

We help our clients improve safety and traffic operations through comprehensive assessment, analysis, and modeling of traffic operations. We combine analysis and modeling with current traffic signal, signage, and Intelligent Transportation Systems (ITS) solutions to maximize infrastructure performance.

### ▶ **Roadway + Interchanges**

We design all types of transportation projects from local city streets to complex interstate systems. The need for infrastructure that facilitates safe and efficient travel by all users while maintaining regulatory compliance is the driver of our transportation business.

### ▶ **Innovative Geometry + 3D Modeling**

We provides innovative geometric solutions utilizing holistic approaches to various intersection and roadway types, roundabouts, and innovative interchange designs. We employ data-driven context-sensitive design philosophies integrated with 3D design and visualization tools.

### ▶ **Bridges + Structures**

We provide planning, design, and construction engineering services for bridge replacements, repairs, major structures, and retaining walls. Bridge types range from box culverts and single-span bridges to curved steel bridges and major river crossings, including accelerated bridge construction techniques.

### ▶ **Hydraulics + Hydrology**

Highway projects impact flooding and water quality issues. Whether your project is on new alignment, existing roadway, or a major river crossing, we address the conveyance of stormwater, improve water quality, and address sustainability to enhance emergency response and major weather event recovery.

### ▶ **Construction**

We employ a team of dedicated construction professionals to help our clients manage the critical construction phase and provide the necessary documentation for federal aid projects.

Scan the QR Code or follow the link below for your local contacts, project information, or industry insights.

▶ [www.hrgreen.com/transportation](http://www.hrgreen.com/transportation)

